

Demetra S Achilleos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

999
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1642
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Biodegradable Structures Fabricated by Two-Photon Polymerization. <i>Langmuir</i> , 2009, 25, 3219-3223.	3.5	177
2	Photoreforming of Lignocellulose into H ₂ Using Nanoengineered Carbon Nitride under Benign Conditions. <i>Journal of the American Chemical Society</i> , 2018, 140, 11604-11607.	13.7	148
3	Multiresponsive Spiropyran-Based Copolymers Synthesized by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 7073-7081.	4.8	92
4	Light-Regulated Supramolecular Engineering of Polymeric Nanocapsules. <i>Journal of the American Chemical Society</i> , 2012, 134, 5726-5729.	13.7	82
5	End-Grafted Polymer Chains onto Inorganic Nano-Objects. <i>Materials</i> , 2010, 3, 1981-2026.	2.9	71
6	Solar Reforming of Biomass with Homogeneous Carbon Dots. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18184-18188.	13.8	70
7	Amphiphilic Model Conetworks Based on Cross-Linked Star Copolymers of Benzyl Methacrylate and 2-(Dimethylamino)ethyl Methacrylate:Â Synthesis, Characterization, and DNA Adsorption Studies. <i>Biomacromolecules</i> , 2006, 7, 3396-3405.	5.4	66
8	Photocatalytic hydrogen generation coupled to pollutant utilisation using carbon dots produced from biomass. <i>Green Chemistry</i> , 2020, 22, 2831-2839.	9.0	54
9	Interfacial Engineering of a Carbon Nitrideâ€“Graphene Oxideâ€“Molecular Ni Catalyst Hybrid for Enhanced Photocatalytic Activity. <i>ACS Catalysis</i> , 2018, 8, 6914-6926.	11.2	52
10	Selective Molecularly Mediated Pseudocapacitive Separation of Ionic Species in Solution. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32743-32753.	8.0	44
11	Surface design and engineering of hierarchical hybrid nanostructures for asymmetric supercapacitors with improved electrochemical performance. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 282-301.	9.4	43
12	Metallocene/carbon hybrids prepared by a solution process for supercapacitor applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13120.	10.3	38
13	Solar Reforming of Biomass with Homogeneous Carbon Dots. <i>Angewandte Chemie</i> , 2020, 132, 18341-18345.	2.0	19
14	Uncovering the Charge Transfer between Carbon Dots and Water by In Situ Soft X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3843-3848.	4.6	13
15	Fe _x Ni _{9-x} S ₈ (<i>x</i> = 3â€“6) as potential photocatalysts for solar-driven hydrogen production?. <i>Faraday Discussions</i> , 2019, 215, 216-226.	3.2	11
16	Photoreponsive Hybrid Nanoparticles with Inherent FRET Activity. <i>Langmuir</i> , 2016, 32, 5981-5989.	3.5	9
17	Multi-Functional Conetworks Based on Cross-Linked Star Polymers. <i>Macromolecular Symposia</i> , 2010, 291-292, 36-42.	0.7	8
18	Photoâ€“Controlled Synthesis of Responsive Polymer Capsules from Hybrid Coreâ€“Shell Nanoparticles. <i>Macromolecular Symposia</i> , 2013, 331-332, 129-136.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Titelbild: Solar Reforming of Biomass with Homogeneous Carbon Dots (Angew. Chem. 41/2020). Angewandte Chemie, 2020, 132, 17913-17913.	2.0	0